

# SYNOCRYL® 7616 S 50

GENERAL INDUSTRY

ARKEMA COATING RESINS

## Product Application details

SYNOCRYL® 7616 S 50 is a thermoplastic acrylic resin with an excellent adhesion over many different metallic substrates like steel, galvanised steel, brass, aluminium...  
SYNOCRYL® 7616 S 50 is recommended for primers and monolayer paints with good adhesion over "light metals" and galvanised steel exhibiting good outdoor resistance.  
It is also suitable for maintenance paints with good adhesion over many differing metallic substrates and plastics.

## Polymer Type

- Solventborne Acrylic

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	48 - 52
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 16.8 s-1) (ISO 3219)	750 - 1300
Acid value, mg KOH/g (ISO 2114)	17 max

## Other Characteristics<sup>1</sup>

Clarity	Slight haze permitted
Volatile	Xylene / MAK
Flash point, °C (ISO 3679)	22
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	0.97

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

<sup>1</sup> The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

## Formulation Guidelines

### SOLUBILITY

SYNOCRYL® 7616 S 50 is completely soluble in aromatic hydrocarbons, ketones, esters and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

### COMPATIBILITY

SYNOCRYL® 7616 S 50 is compatible with other thermoplastic resins, vinylic and chlorinated rubber.

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & Handling**

SYNOCRYL® 7616 S 50 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 30°C. Exposure to direct sunlight should be avoided.

In the above-mentioned storage conditions the shelf life of the resin will be 12 months from the shipping date

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The logo for ARKEMA, featuring the word "ARKEMA" in a bold, sans-serif font. The letters "A", "R", "K", "E", and "M" are in a dark blue color, while the letter "A" at the end is in a light green color.